

FIG. 1A



10

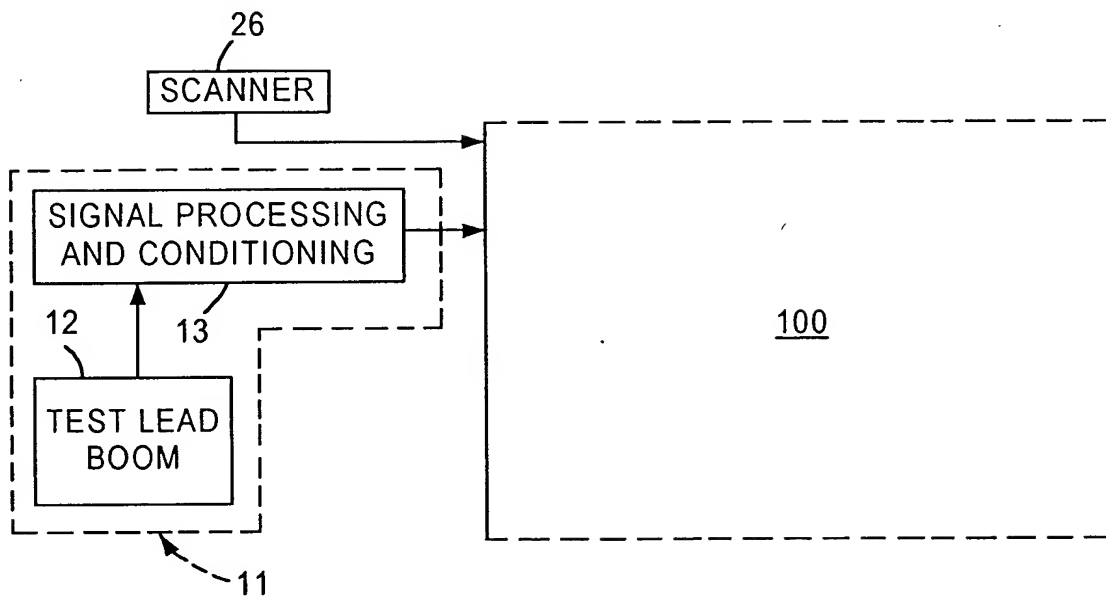


FIG. 1B

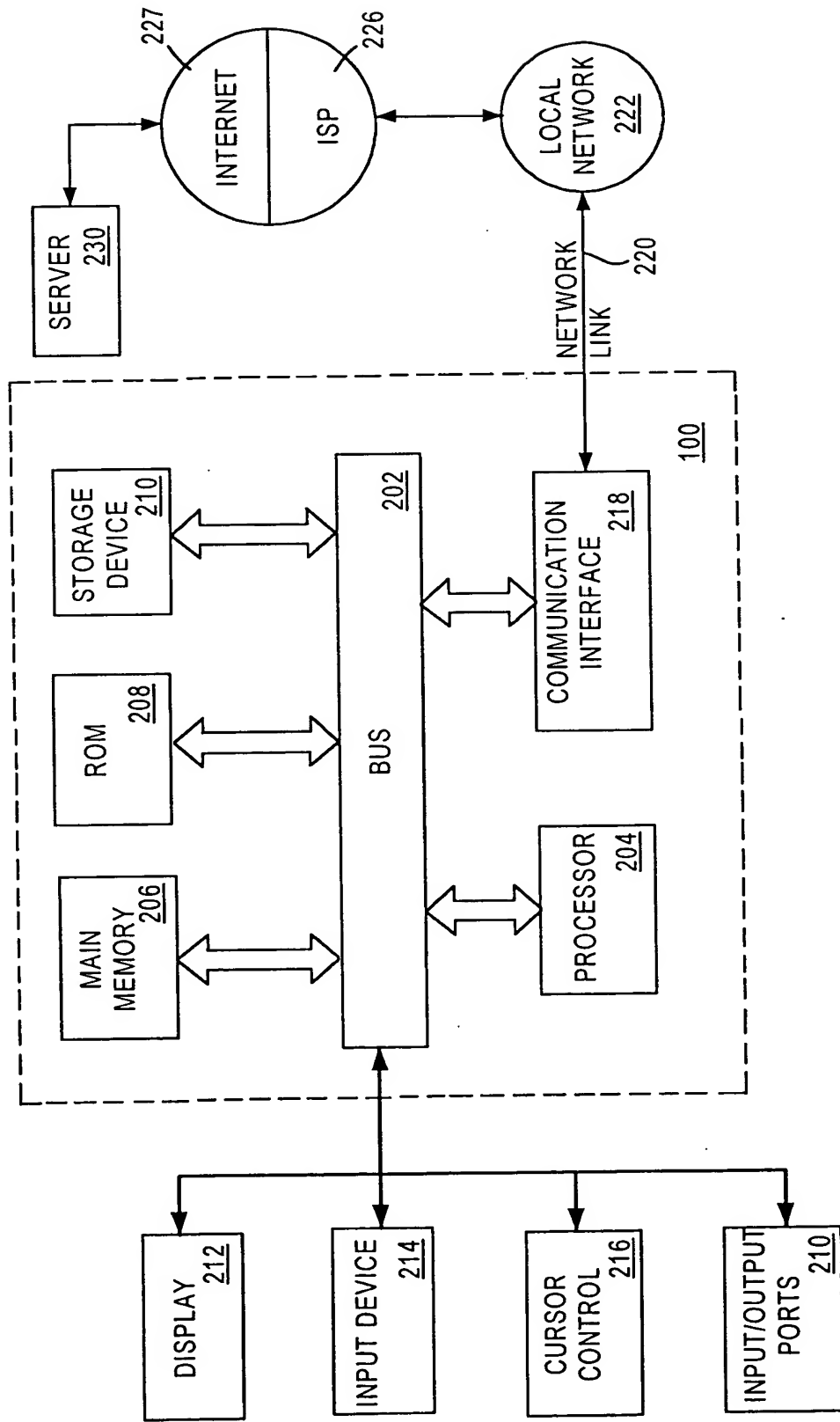


FIG. 1C

VEHICLE IDENTIFICATION		TEST ANALYSIS
SYMPTOMS		
SYMPTOM	CAUSE	TEST PROCEEDURE
BATTERY GOES DEAD	ACCESS VEHICLE FAULT CODES	FAULT CODE RETRIEVAL
NO START, NO OR SLOW CRANK	LEAKING SUPCHGR INTAKE GAS	QUICK TIP
NO START, CRANKS OR	INJECTOR DRIVER/INJ FLOW	FUEL INJECTOR-MFI
HARD START, SLOW CRANK	VACUUM LEAK	VACUUM LEAK
HARD START, CRANKS OK	DEFECTIVE PCM BOARD	QUICK TIP
ENG STARTS AND DIES	EGR SYSTEM	EGR
ENG DIES AT IDLE/DECEL/BRKG	IAC CIRCUIT	IDLE AIR CONTROL SOLENOID
ENG DIES AT ACCEL/CRUISE	IGNITION SYSTEM	ENGINE RUNNING-DIS AND MFI
HESITATION/STUMBLD/SAG	MAF CIRCUIT	MASS AIR FLOW SENSOR
MISFIRE	GROUNDING OR BROKEN MOUNT	QUICK TIP
RUNS ROUGH	THROTTLE BORE COKING	QUICK TIP
IDLE SPEED LOW	TP CIRCUIT	THROTTLE POSITION SENSOR
IDLE SPEED HIGH	INCORRECT FUEL PRESS/VOLUME	FUEL DELIVERY-MFI
IDLE SPEED HUNTING	POOR FUEL QUALITY	QUICK TIP
LACK OF POWER/SLUGGISH	TCC WILL NOT DISENGAGE	QUICK TIP
SURGES/CHUGGLES	COMPRESSOR/VALVE TIMING	ENGINE MECHANICAL - DIS
POOR FUEL ECONOMY		
EXHAUST ODOR/BLACK SMOKE		
BACKFIRE THRU INTAKE/EXH		

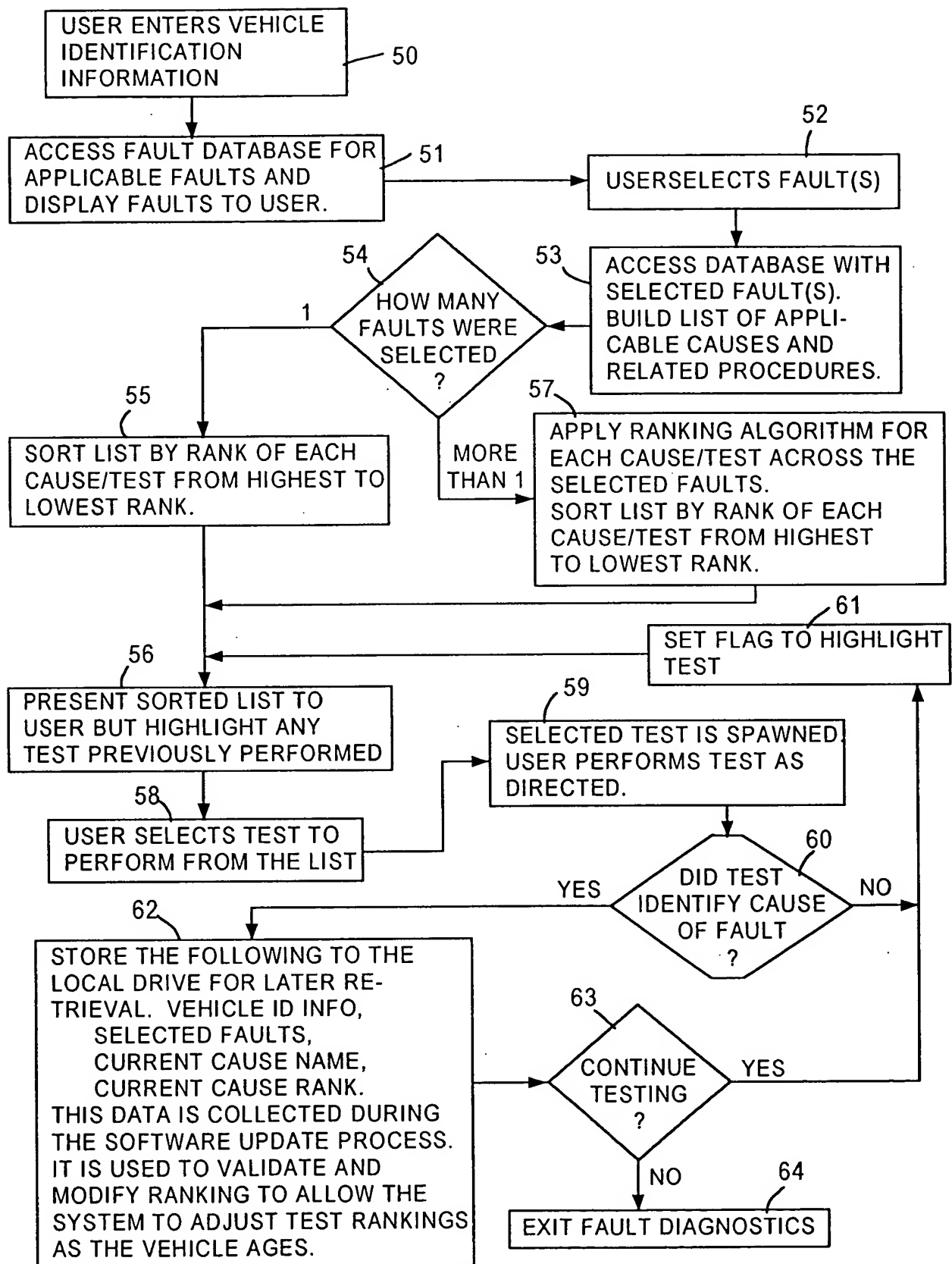


FIG. 3

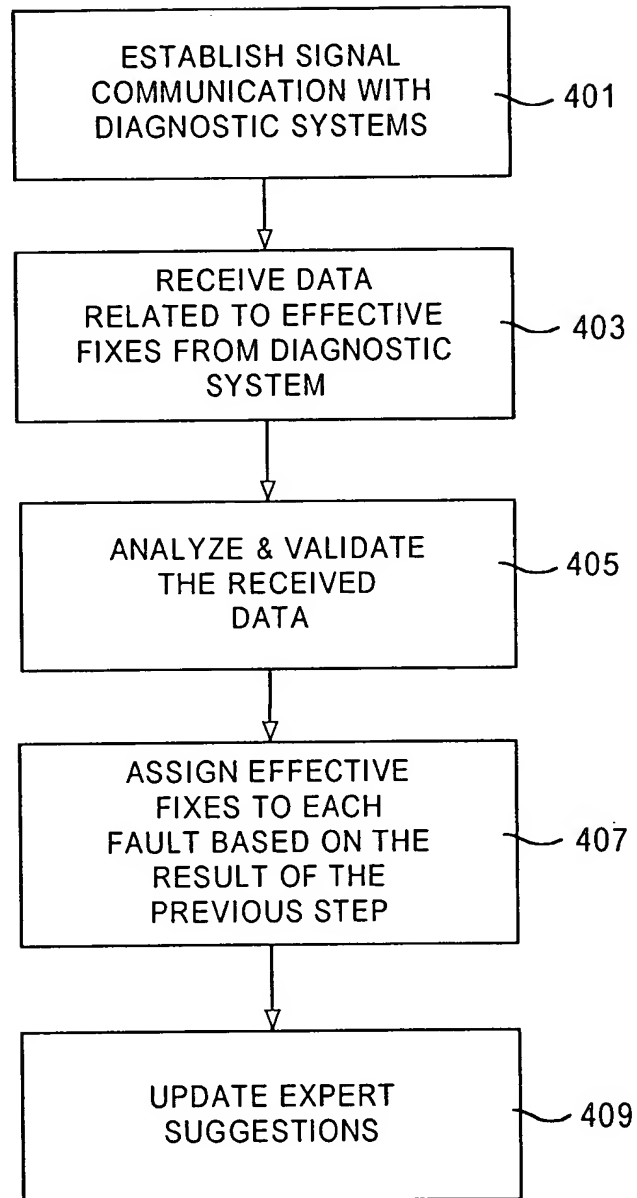


FIG. 4